

## PATENT COOPERATION TREATY

## **PCT**

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

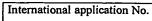
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Applicant's or agent's file reference OPP030221KR	FOR FURTHER ACTION	See Notification of Transmittal of International Preliminary Examination Report (Form PCT/IPEA/416)				
International application No.	International filing date (day/month					
PCT/KR 2003/000800	18 April 2003 (18.04.2003	22 April 2002 (22.04.2002)				
International Patent Classification (IPC) or nati	onal classification and IPC					
IPC <sup>7</sup> : B01J 23/84, B01J37/10, C0	1D 307/32,					
AEKYUNG PETROCHEMICAL CO	D., LTD.					
<ol> <li>This international preliminary examination report has been prepared by this International Preliminary Examination Authority and is transmitted to the applicant according to Article 36.</li> </ol>						
2. This REPORT consists of a total of	3 sheets, including t	his cover sheet.				
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).						
These annexes consist of a total of sheets.						
3. This report contains indications relating to the following items:						
I. Basis of the opinion						
II. Priority	II. Priority					
III. Non-establishment of opinion with regard to novelty, inventive step and industrial applicability						
V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement						
VI. Certain documents cited						
VII. Certain defects in the international application						
VIII. Certain observations on the international application						
Date of submission of the demand		Date of completion of this report				
18.11.2003		19 July 2004 (19.07.2004)				
Name and mailing address of the IPEA/AT	Authori	Authorized officer				
Austrian Patent Office	- Cathorn	. remotized officel				
Dresdner Straße 87 A-1200 Vienna		PUSTERER F.				
Facsimile No. 1/53424/200	Telenho	Telephone No. 1/53424/311				
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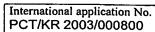
I.		Basis of the report
1.	With	n regard to the elements of the international application:*
	$\boxtimes$	the international application as originally filed
1		the description:
]		pages, as originally filed
		pages, filed with the demand
		pages, filed with the letter of
		the claims:
		pages, as originally filed
l		pages, as amended (together with any statement) under Article 19
1		pages, filed with the demand
1		pages, filed with the letter of
	Ш	the drawings:
ļ		pages, as originally filed
		pages, filed with the demand pages, filed with the letter of
}	_	pages, filled with the letter of
	$\Box$	the sequence listing part of the description:
ļ		pages, as originally filed
1		pages, filed with the demand
		pages, filed with the letter of
2.	whic	n regard to the language, all the elements marked above were available or furnished to this Authority in the language in the international application was filed, unless otherwise indicated under this item.  se elements were available or furnished to this Authority in the following language which is:
		the language of a translation furnished for the purposes of international search (under Rule 23.1(b)).
		the language of publication of the international application (under Rule 48.3(b)).
		the language of the translation furnished for the purposes of international preliminary examination (under Rule 55.2 and/or 55.3).
3.	Wit	n regard to any nucleotide and/or amino acid sequence disclosed in the international application, the international
J.	preli	iminary examination was carried out on the basis of the sequence listing:
		contained in the international application in printed form.
		filed together with the international application in computer readable form.
		furnished subsequently to this Authority in written form.
		furnished subsequently to this Authority in computer readable form.
	<b>□</b>	The statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
4.		The amendments have resulted in the cancellation of:
		the description, pages
		the claims, Nos
		the drawings, sheets/fig
5.		This report has been established as if (some of) the amendments had not been made, since they have been considered to go beyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
1	n this	cement sheets which have been furnished to the receiving Office in response to an invitation under Article 14 are referred to report as "originally filed" and are not annexed to this report since they do not contain amendments (Rules 70.16 and
	70.17) Any re	Eplacement sheet containing such amendments must be referred to under item 1 and annexed to this report.

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## INTERNATIONAL PRELIMINARY EXAMINATION REPORT

•	Statement			
	Novelty (N)	Claims	1-15	YES
		Claims		NO
Inventive step (IS)	Claims	1-15	YES	
		Claims		NO
Industrial applicability (IA)	Industrial applicability (IA)	Claims	1-15	YES
	Claims		NO	

The following documents have been cited in the Search Report:

D1: EP 0591795 A1 D2: EP 0528305 A2 D3: EP 0559053 A2

Having regard to the cited documents D1 to D3 the present application meets the criteria as defined in the regulations (Article 33 (2) - (4) PCT) because the subject-matter of the claims 1 - 15 is new and shows an inventive step with respect of the prior art also. Additionally the claimed application can undoubtedly be industrially applied.

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